## **EAST Search History**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	214	417/470.ccls.	US-PGPUB; USPAT	OR	ON	2009/07/13 08:21
L2	3899	(plastic with piston) and (plastic with (housing or cylinder or casing))	US-PGPUB; USPAT	OR	ON	2009/07/13 08:23
L3	1395	I2 and pump	US-PGPUB; USPAT	OR	ON	2009/07/13 08:23
S1	423	606/166.ccls.	USPAT	OR	OFF	2009/06/30 15:13
S2	1	"10561725"	US-PGPUB; USPAT	OR	OFF	2009/06/30 15:13
S3	8	Pein-Andreas.in.	US-PGPUB; USPAT	OR	OFF	2009/06/30 15:26
S4	3	(("6216573") or ("5370609") or ("5931647")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/08 16:47
S5	1	"20010043874"	US-PGPUB; USPAT	OR	ON	2009/07/08 16:52
S6	112	("2648288"   "3496874"   "3771907"   "3818913"   "3874826"   "3930505"   "4111490"   "4142524"   "4199307"   "4216906"   "4336800"   "4410322"   "4435902"   "4465438"   "4479760"   "4479761"   "4479762"   "4557725"   "4560373"   "4573883"   "4614481"   "4635621"   "4637551"   "4657490"   "4662829"   "4690672"   "4741678"   "4794337"   "4754929"   "4761039"   "4776769"   "4795217"   "4798339"   "4798589"   "4811902"   "4818190"   "4827679"   "4842584"   "4857048"   "4872813"   "4937985"   "4940399"   "4950238"   "4940399"   "4950238"   "4958963"   "5006050"   "5011468"   "5018670"   "5037431"   "5052624"   "5056992"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/08 17:33

		"5074862"   "5092744"   "5098262"   "5125582"   "5135482"   "5135482"   "5154589"   "5162016"   "5186615"   "5201643"   "5205779"   "5230443"   "5237309"   "5252044"   "5259842"   "5261883"   "5281108"   "5314375"   "5342290"   "5364234"   "5368452"   "5370609"   "5378126"   "5415528"   "5429485"   "5449369"   "5542918"   "5540568"   "55542918"   "5554013"   "5562692"   "5586868"   "5591184"   "5620414"   "5647852"   "5713878"   "5871462").PN. OR ("6216573").URPN.			
S7	110	("0247360"   "0695589"   "0789430"   "1032187"   "1460628"   "1536415"   "1815907"   "2022443"   "2393442"   "2501707"   "2645449"   "2653580"   "2709118"   "2750746"   "2766701"   "2782801"   "2856961"   "3019739"   "3095785"   "3177780"   "3216332"   "3268201"   "3275331"   "3300703"   "3414693"   "3463193"   "35509890"   "3510177"   "3515169"   "3552441"   "3648568"   "3742822"   "3802805"   "3847453"   "4042248"   "4055107"   "4085941"   "4089349"   "4095566"   "4128227"   "4159024"   "4197786"   "4222575"   "4241644"   "4280741"   "4384511"   "4392034"   "4433795"   "4437821"   "4468170"   "4549718"   "4627795"   "4637295"   "4674965"   "4721133"   "4723755"   "4751867"   "4759553"   "4751867"   "4759553"   "4804913"   "4900883"	US-PGPUB; USPAT; USOCR	OR	2009/07/08

	***************************************	"4974755"   "4975679"   "5104374"   "5140113"   "5144882"   "5199718"   "5267721"   "5380017"   "5429602"   "5440968"   "5467689").PN. OR ("5931647").URPN.			annan mananan m	
S8	2	(("3930505") or ("4690672")).PN.	USPAT; USOCR	OR	OFF	2009/07/08 17:38
S9	100	("3589363"   "3812855"   "3818913").PN. OR ("3930505").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/08 17:38
S10	80	("1902418"   "2147652"   "2804075"   "3429313").PN. OR ("4690672").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/08 17:38
S11	251	S6 or S4 or S9 or S10	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/08 17:40
S12	8	("3818913"   "3930505"   "4111490"   "4465438"   "4479760"   "4479761"   "4479761"   "4479762"   "4560373"   "4662829"   "4690672"   "4741678"   "4761039"   "4776769"   "4795217"   "4798339"   "4811902"   "4827679"   "4898574"   "4913698"   "4937985"   "4950238"   "5018670"   "5037431"   "5052624"   "5074862"   "5135482"   "5135482"   "5162016"   "5186615"   "5201643"   "5309899"   "5314375"   "5368452"   "5370609").PN. OR ("5871462").URPN.	US-PGPUB; USPAT; USOCR	00 00	OFF	2009/07/08

S13	93	("1889425"   "3353537"	US-PGPUB;	OR	OFF	2009/07/08
		"3452745"   "3515130"	USPAT;	•		18:01
		ii "3542017"   "3561433"	USOCR			
		"3590813"   "3605745"				
		ii "3768472"   "3792701"				
		"3811795"   "3906954"				
		"3930505"   "3993054"				
		"3994297"   "4018623"				
		"4024866"   "4186733"				
		"4278078"   "4282867"				
		"4349130"   "4365752"				
		"4368734"   "4412823"				
		"4441488"   "4515532"				
		"4534340"   "4560373"				
		"4561856"   "4570632"				
		"4583531"   "4589412"				
		"4655197"   "4690672"				
		"4694828"   "4705500"				
		"4764165"   "4776840"				
		"4790824"   "4817599"				
		"4857047"   "4861340"				
		"4878900"   "4898574"				
		"4908015"   "4913698"				
		"4915691"   "4935006"				
		"4944726"   "4950238"				
		"5013300"   "5019037"				
		"5024615"   "5033961"				
		"5037431"   "5037432"				
		"5046486"   "5047008"				
		"5049124"   "5064413"				
		"5135482"   "5135484"				
		"5176645"   "5218956"				
		"5261883"   "5322504"				
		"5361583"   "5364405"				
		"5370609"				
		"5413556").PN. OR				
		("5735815").URPN.				
	. <u>;</u> . :— ;	,				
314	71	("1889425"   "3590813"	US-PGPUB;	OR	OFF	2009/07/08
		"3811795"   "3930505"	USPAT;			18:03
		"3993054"   "4024966"	USOCR			
		"4186733"   "4368734"				
		"4441488"   "4690672"				
		"4694828"   "4935006"				
		"4944726"   "5024615"				
		"5037431"   "5135482"				
		"5261883"   "5361583"				
		"5370609").PN. OR				
		("5591184").URPN.				
S15	16	("3496874").URPN.	USPAT	OR	OFF	2009/07/08
		,		•		18:23
	•	ş	;	3	:	;
	•		·		·	

S16	103	("2564809"   "2646042"   "3429313"   "3513846"   "3517665"   "3572319"   "3693613").PN. OR ("3812855").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/08 18:23
S17	113	S15 or S16	USPAT	OR	OFF	2009/07/08 18:23
S18	165	S12 or S13 or S14	USPAT	OR	OFF	2009/07/08 18:23
S19	3	(("6216573") or ("5370609") or ("5931647")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/09 08:31
S20	112	("2648288"   "3496874"   "3771907"   "3818913"   "3874826"   "3930505"   "4111490"   "4142524"   "4199307"   "4216906"   "4336800"   "4410322"   "4435902"   "4465438"   "4479760"   "4479761"   "4479762"   "4557725"   "4560373"   "4573883"   "4614481"   "4635621"   "4662829"   "4690672"   "476769"   "4795217"   "4798339"   "4798589"   "4716769"   "4798217"   "478339"   "4798589"   "4811902"   "4818190"   "4827679"   "4842584"   "4857048"   "4896085"   "4898574"   "4913698"   "4927411"   "4937985"   "4940399"   "4950238"   "4958963"   "5006050"   "5011468"   "5018670"   "5011468"   "5074862"   "5056992"   "5074862"   "5056992"   "5074862"   "5135482"   "5133687"   "5135482"   "5237309"   "5252044"   "5237309"   "5252044"   "5237309"   "5252044"   "5237309"   "5252044"   "5237309"   "5252044"   "5237309"   "5252044"   "5237309"   "5252044"   "5237309"   "5252044"   "5237309"   "5252044"   "5237309"   "5252044"   "5237309"   "5252044"   "5368452"   "5364234"   "5368452"   "5364234"   "5368452"   "5370609"   "5378126"   "5415528"   "5370609"   "5378126"   "5449369"	US-PGPUB; USPAT; USOCR	· ·····OR	OFF	2009/07/09 08:31

		"5464392"   "5476368"   "5505729"   "5540568"   "5542918"   "5554013"   "5562692"   "5586868"   "5591184"   "5620414"   "5647852"   "5667102"   "5674226"   "5713878"   "5871462").PN. OR ("6216573").URPN.				
S21	100	("3589363"   "3812855"   "3818913").PN. OR ("3930505").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/09 08:31
S22	80	("1902418"   "2147652"   "2804075"   "3429313").PN. OR ("4690672").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/09 08:31
S23	251	S20 or S19 or S21 or S22	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/09 08:31
S24	16	("3496874").URPN.	USPAT	OR	OFF	2009/07/09 08:31
<b>S</b> 25	103	("2564809"   "2646042"   "3429313"   "3513846"   "3517665"   "3572319"   "3693613").PN. OR ("3812855").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/09 08:31
<b>S</b> 26	113	S24 or S25	USPAT	OR	OFF	2009/07/09 08:31
S28	96	S26 not S23	US-PGPUB; USPAT	OR	ON	2009/07/09 08:31
S31	752	417/212,218,221.ccls.	US-PGPUB; USPAT	OR	ON	2009/07/09 09:18
S32	120	S31 and eccentric	US-PGPUB; USPAT	OR	ON	2009/07/09 09:18
S33	525	417/535,536,538.ccls.	US-PGPUB; USPAT	OR	ON	2009/07/09 10:51
S34	20	S33 and eccentric	US-PGPUB; USPAT	OR	ON	2009/07/09 10:51
S35	604	606/166.ccls.	US-PGPUB; USPAT	OR	ON	2009/07/09 14:53
S36	103	S35 and eccentric	US-PGPUB; USPAT	OR	ON	2009/07/09 14:53
S37	55	S36 and (pump or piston)	US-PGPUB; USPAT	OR	ON	2009/07/09 14:54
S38	48	S36 not S37	US-PGPUB; USPAT	OR	ON	2009/07/09 15:01

<b>S</b> 39	28	("2032163"   "2245287"   "2503907"   "3443521"   "3496874").PN. OR ("4234107").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/09 15:47
S40	27	("2107987"   "2321994"   "2666564"   "3991797"   "4234107"   "4254806"   "4273263"   "4318431"   "4373560").PN. OR ("4667709").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/09 15:57
S41	1	"4335756".pn.	USPAT	OR	OFF	2009/07/11 16:32
S42	1	"3830531".pn.	US-PGPUB; USPAT	OR	ON	2009/07/11 16:44
S43	16	pressure adj tubule	US-PGPUB; USPAT	OR	ON	2009/07/11 16:48
S44	430598	tub\$5 with connect\$4	US-PGPUB; USPAT	OR	ON	2009/07/11 16:52
<b>S</b> 45	350664	tub\$3 with connect\$4	US-PGPUB; USPAT	OR	ON	2009/07/11 16:52
S46	5546	(tub\$3 with connect\$4) same ribs	US-PGPUB; USPAT	OR	ON	2009/07/11 16:52
S47	1873	(tub\$3 with connect\$4) same ((press adj fit) or press\$1fit)	US-PGPUB; USPAT	OR	ON	2009/07/11 16:54
S48	46	S47 same rib	US-PGPUB; USPAT	OR	ON	2009/07/11 16:54
<b>S</b> 49	21	("2557766"   "2647000"   "2868602"   "2972395").PN. OR ("4013372").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/11 17:06
S50	27	("2104500"   "2284458"   "2351525"   "3386590"   "3532369"     "3545625").PN. OR ("3666298").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/11 17:06
S51	48	S49 or S50	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/11 17:06
S52	1	"5536258".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/11 17:16
S53	34	("0802383"   "0928055"   "2258066"   "3707240"   "4551146"   "5049139"   "5176415"   "5330235").PN. OR ("5536258").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/11 17:16

S54	42	("4354490"   "4559033"	US-PGPUB; OR	OFF 2009	0/07/11
		"4564361"   "4919658"	USPAT;	17:30	0
		"4933178").PN. OR	USOCR		
		("5049139").URPN.			

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